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University Letter

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New UND Graphic Identity Manual Details Announced In This Issue

Details about the new UND “Graphic Identity Style and Standards Manual” which has been developed over the past year can be found in an article on page 3 of this issue of University Letter. A core premise of the guidelines is that every visual presentation about UND include at least the name, in an obviously apparent placement and size, and, preferably, also the logo or one of the logotypes of the University.

Spring Commencements Are May 4, 11

General spring commencement will be held Saturday, May 11, at 1:30 p.m. in the Alerus Center. The Medical School commencement will be held at 1:30 p.m. Saturday, May 4, at the Chester Fritz Auditorium. Law School commencement will be at 10 a.m. Saturday, May 11, in the Chester Fritz Auditorium. – Fred Wittmann, Vice President for Student and Outreach Office.

Faculty And Administrators Invited To Participate In General Commencement

Faculty and administrators are invited to march in academic regalia at general commencement Saturday, May 11. The ceremony will begin at 1:30 p.m. at the Alerus Center. Participants should assemble in the Aurora ballroom no later than 1 p.m. For easiest access, enter the Alerus Center through door no. 4 on the northeast corner of the building. Staff volunteers and student marshals will be on hand to help all processional participants.

Faculty members recently received a letter from vice president for academic affairs John Ettling, inviting them to participate in the ceremony. As requested in that letter, faculty members are asked to call their dean's office by Wednesday, May 8, to confirm their plans to participate.

Administrators are also cordially invited to march in the commencement processional in academic regalia. The administrators' group will be seated in a special area during the ceremony. Administrators should contact Tammy in the office of the vice president for student and outreach services at 777-2724 to confirm their plans to participate. For more information, please call the same number, 777-2724. – Fred Wittmann, Vice President for Student and Outreach Services Office.

Medicine And Health Sciences Confers M.D. Degrees Saturday

The School of Medicine and Health Sciences will confer the doctor of medicine (M.D.) degree during commencement ceremonies at 1:30 p.m. Saturday, May 4, at the Chester Fritz Auditorium. Fifty-three degree candidates, members of

the school's 27th M.D. class, are expected to participate in the ceremony.

Dr. Fredrick ("Rick") Montz, of Baltimore, will deliver the commencement keynote address, "For Those We Serve." The 1978 graduate of the UND School of Medicine is director of the Kelly gynecologic oncology service at The Johns Hopkins Hospital and Medical Institutions and professor of gynecology and obstetrics at Johns Hopkins University School of Medicine.

The son of Dr. Charles and Florence Montz of Bismarck, he earned an undergraduate degree from Concordia College in Moorhead and the M.D. degree from Baylor College of Medicine in Houston. He has served on the medical faculties of the University of Southern California and the University of California-Los Angeles.

An honorary doctor of letters degree will be awarded to Dr. Calvin Fercho, of Fargo, in recognition of his outstanding contributions to the field of ophthalmology over the course of his 36-year career. A 1950 alumnus and former faculty member of the UND medical school, he is known for introducing a major advance in cataract surgery, the continuous circular capsulotomy.

In the early 1990s, Fercho served as Fargo-Moorhead chair for the campaign for excellence, a national effort conducted by the UND Foundation which raised more than \$10.8 million for construction of the Wold Center and to enhance the medical school's endowment.

The first H. David Wilson, M.D., academic award in neuroscience will be presented to Drs. Sharon and Richard Wilsnack, professors of neuroscience, Grand Forks. The award was created and endowed by Manuchair Ebadi, associate vice president for health affairs at UND and associate dean for research and program development at the UND medical school, through the UND Foundation to honor Dean Wilson "for his efforts to bring excellence in education, research and service to North Dakota and beyond."

The Wilsnacks' 20-year research on problem drinking in women is recognized internationally. Funded by the National Institute on Alcohol Abuse and Alcoholism of the National Institutes of Health, their study is the longest and most comprehensive investigation of its kind in the world.

Nine physician-faculty members from throughout the state will be presented with the dean's special recognition award for outstanding volunteer faculty during the commencement ceremony. They are: Dr. Bipin Amin, internal medicine, Bismarck; Dr. William Zaks, internal medicine, Grand Forks; Dr. Rodrigo Rios, pediatrics, Fargo; Dr. Madeline Free, neuroscience, Bismarck; Dr. Roger Allen, pediatrics, Minot; Dr. Kurt Lindquist, surgery, Fargo; Dr. Thomas Hutchens, obstetrics and gynecology, Bismarck; Dr. Ronald Burd, neuroscience, Fargo; Dr. Keith Lesteborg, obstetrics and gynecology, Fargo, and Altru Health System's general surgeons, as a group.

A commencement awards brunch also is planned for 10 a.m. Saturday at the UND Memorial Union. This year, the first award to an academically outstanding medical student will be given from the Dr. Frank E. Stinchfield endowment of the UND Foundation. A native of Warren, Minn., Dr. Stinchfield earned a bachelor of science in medicine degree at the UND medical school in 1932 and went on to a distinguished career in orthopedic surgery in New York.

This summer, members of the M.D. Class of 2002 will go on to pursue residency training in the medical specialty of their choice.

– *School of Medicine and Health Sciences.*

President Kupchella Discussed Strategic Plan, Financing At U-Council Meeting

President Kupchella discussed strategic plan progress, the University constitution, financing, and new initiatives in his address to the University Council April 29. Following is a summary of his talk.

Strategic Planning

The plan is in place and is progressing well, Dr. Kupchella said as he thanked the University community for its buy-in of the plan. A series of reports in the fall will document progress.

Long-Term Financing for Higher Ed

The State Board of Higher Education and UND are looking at national trends and other universities to assess how they fund higher education. A set of benchmark institutions similar to UND has been determined by the board, based on criteria such as having a medical school, similar city size, program mix, etc. Those institutions are: Ohio University (main campus), Southern Illinois University at Carbondale, State University of New York at Buffalo, University of Louisville, University of Missouri at Kansas City, University of Nebraska at Reno, University of South Carolina at Columbia, Western Virginia University, and Wright State University (main campus).

The board compared these benchmark institutions to UND, and found that the median cost per student to operate the benchmark institutions was \$14,535, compared to \$9,584 in terms of dollars from state appropriations and tuition. "When I come into work each day," Kupchella said, "I have 66 percent of what benchmark institutions have to work with." The challenge, he said, is to run a first-rate university with that resource base, and to expand that base. The goal is to reach 85 percent of the median by 2007-2009, and attain 95 percent parity by 2013-2015. "This isn't a recklessly ambitious plan," he said, noting that it will take 12 years to get almost to average.

To achieve that plan, he said, we need tuition and support from the state to rise at about 1.5 percent beyond the rate of inflation. "North Dakotans support higher education very well in terms of ability," Kupchella said, noting that we're third in the nation per \$1,000 per capita income. There simply aren't enough people in the state. Each state institution has been asked to help fuel economic development by the Higher Education Roundtable.

Salaries

Through reallocation, increased enrollment and tuition, and a 2 percent Legislative appropriation increase, salaries will rise an average of 6 percent, excluding the medical school, which has a separate initiative to raise salaries.

The governor has requested a hold-even budget from state agencies due to the recession, and the State Board will present a flat budget along with a needs-based budget in August. The needs-based budget will show the impact of a flat budget on the system and UND.

Council on Campus Climate

One of the priority action areas in the strategic plan is improvement of the campus climate for living and learning. President Kupchella will chair the new Council on Campus Climate, which will meet for the first time May 3. This oversight group, he said, will look at whether the University has the climate we want. If not, it will work on ways to create that climate. The council will have representation from various campus entities, as well as the Grand Forks community.

State Information System (ERP)

The state has signed a contract with PeopleSoft, which will result in a modern student information system to replace the 1972 system currently in use. Many staff members will be occupied in deploying the system, and President Kupchella asked for campuswide understanding.

The system is expected to cost a little under \$30 million. The Legislature has appropriated \$7 million, and the State Board passed a \$3.50 per-credit-hour fee to help pay for implementation.

UND Constitution

Two years ago, Kupchella said, he asked the University Senate to examine the University constitution, which he felt contained archaic terms and outdated policies. He also asked the Senate to consider whether the University Council is necessary. The Council, he said, delegated most of its powers to the University Senate in 1972, and has only voted once

in 28 years. His suggestion was to eliminate the Council and add staff representation to the Senate. The faculty would control the Senate with representation from stakeholders.

The University Senate presented President Kupchella with a new draft of the constitution. It preserves the Council, and proposed more of a faculty senate, removing some administrators. That proposal was reversed, Dr. Kupchella said, after he registered an objection. The discussion continues.

Vice President for Research

H. David Wilson (vice president for health affairs and medical dean) chairs the search committee for the vice president for research. The first round of the search was unsuccessful, and there are 29 applications in this round. The committee will meet May 17 to narrow the list. That committee has morphed into the University Research Council, which will identify barriers and incentives to reach a goal of \$100 million in external funding. The council will also determine the criteria for centers of excellence. The number of proposals and funded grants has been steadily increasing, Kupchella said.

North Central Accreditation Visit

Dan Rice (dean of education) chairs the reaccreditation committee; site visit is Oct. 20-22, 2003.

Campus Master Plan

Consultant Ira Fink is conducting a space utilization analysis and will prepare a projection of future use of space on campus. He will be contacting all department chairs and directors.

A synopsis of construction information follows:

- Renovation of the Memorial Union will begin in the fall.
- The Carnegie building will undergo a restoration and become a welcome and student service center, pending availability of funds.
- Signage on campus and from Interstate 29 will be improved.
- Remodeling of O'Kelly Hall is at the top of the Legislative appropriations request, and is considered the greatest need on campus.
- An \$8 million addition will be made to the EERC.
- The facade of Medical Science will be remodeled soon, and a new neuroscience center will be added to the medical campus.
- Hyslop Sports Center will be renovated to accommodate a new health and wellness center, paid for by a student fee of \$50/semester. This is contingent upon obtaining an additional \$12 million to add a "bubble" to the Memorial Stadium and renovate the old Englestad Arena for basketball and volleyball.

New Academic Programs

The University has added six new doctoral programs. These were not recklessly proposed, said Kupchella, but strategic. Of the 58 doctoral degrees granted in North Dakota last year, 40 were from UND. Our goal is to award at least 50 per year, putting UND in the top echelon of universities in the Carnegie classification.

Questions/Comments

One faculty member stated that meetings of the University Council are rare opportunities for open meetings at which anyone can ask a question. This is not allowed in the University Senate. He said council meetings are a way to engage

younger faculty, and urged the president to keep the Council. Dr. Kupchella responded that he's more concerned about the "legalistic trappings" of the council, and even if it were dissolved, he would still have open forums. But if the Senate chose to keep the council, "I can live with it." Another faculty member later said that it's possible for any faculty member to have something brought to the University Senate floor using procedural methods.

Another faculty member asked if off-campus students will be assessed the \$50 per semester wellness fee, and whether off-campus students were able to vote on the initiative. President Kupchella responded that the fee for off-campus students is still under consideration. There is a general feeling that these students shouldn't have to pay, but they will still be responsible for other fees. The vote, he said, was advisory only, and the Student Senate has twice voted to support the proposal for a wellness center.

Kupchella closed the meeting by thanking the campus community. "It's gratifying to see strategic plan progress," he said. He appreciated the record enrollment this spring, and hopes for a near-record 12,000 students in the fall. He credited the hard work of Bob Boyd, vice president for student and outreach services; Alice Hoffert, associate vice president for enrollment management, and faculty and staff for those excellent enrollment numbers. – *Jan Orvik, Editor, University Letter.*

New UND Graphic Identity Regulations Issued By President

Manual Being Distributed Explains Them And Their Applications

The University of North Dakota has issued new guidelines for the use of its name and licensed symbols as part of President Charles Kupchella's directive that UND improve the quality and consistency of its graphic communication efforts.

Kupchella also announced that he has designated UND's Office of University Relations to oversee the implementation of a new graphic identity manual, which is available in printed form and online via the University's Web site, www.und.edu.

The manual is largely a compilation of already existing but scattered policies, Kupchella said, but it also breaks some new ground. As just one example, it specifies the exact shade of green, known as "Pantone 347," to be used on stationery, envelopes and business cards.

Kupchella said the policies apply to all UND departments using the name and symbols for noncommercial purposes. He added that he expects external organizations, such as printers and design consultants, will also follow the guidelines. The most widely used symbols include the seal and "flame" logos in various configurations, as well the logos used by the Athletic Department.

All commercial use of the University's name and registered symbols must be officially licensed and normally involves the payment of royalties, Kupchella said. UND Vice President for Finance and Operations Bob Gallagher supervises UND's licensing program. UND contracts with the Collegiate Licensing Company (CLC) of Atlanta, Ga., the nation's leading collegiate licensing and marketing representative, to control the commercial use of its logos. .

Following recognized marketing practices, the University seeks to achieve a unified and integrated visual image through more consistent and extensive use of its graphic identity elements.

The guidelines contained in the "Graphic Identity Style and Standards Manual" and the corresponding Web sites have been largely carried over and updated from previous applications and adapted for newly developing media and situations. These guidelines cover requirements on the use on use of the UND name, logo and logotypes, and seal; stationery, envelope and business cards design; colors; type style; memorandum letterhead; signs; web sites; commercial use regulations and licensing; video and broadcast media; and advertising.

The University's growing emphasis on the practice of integrated marketing communication provides in part the impetus for refining the system for use of UND visual image elements.

“These guidelines are intended to help those on and off campus properly and consistently use these official UND identification symbols,” according to Dave Vorland, director of the UND Office of University Relations. One premise of the regulations is to ensure that the UND’s name is always included in visual representations of the University, as well as in most cases one of its official logos or logotypes.

The process of developing the graphic identity manual and web sites has been under way for about a year and has involved a formal assessment of UND’s current practice, a review of approaches at other schools, consultation with campus personnel, and final approval by the UND President’s Cabinet.

Vorland noted that the new guidelines do not provide a “how to” manual for designing publications and other visual pieces, but, rather, illustrate and explain the uses and regulations regarding graphic identity aspects of UND.

“Graphic design,” he said, refers to a process and “graphic identity” refers to a result. “The graphic identity of the University includes both specific design elements and regulations for their use that will ensure the presentation of a strong, consistent, and professional visual image,” the guidelines point out.

A “rollout” of the guidelines for campus and off-campus audiences is under way. Copies of the 24-page, self-covered manual are available at the UND Office of University Relations 411 Twamley Hall, 701/777-2731. Web site addresses with the same information include: for graphic identity regulations, www.und.edu/dept/our/guidelines.html; for stationery, envelope, and business card regulations, www.und.edu/dept/our/design.html; and for licensing regulations, www.und.edu/dept/our/trademark.html.

Events to Note

Bachelor Of Fine Arts Exhibition By Bailey Runs Through May 9

A Bachelor of Fine Arts exhibition of ceramic vessels, forms and combinations by Jim Bailey is currently showing at the Col. Eugene E. Myers Gallery, Hughes Fine Arts Center. The exhibition will run through Thursday, May 9, from 9 a.m. to 4:30 p.m. The opening reception with the artist will be Saturday, May 4, from 7 to 9 p.m. – *Jan Orvik, Editor, University Letter, for the Department of Art.*

Athletics Awards Program Set For May 5

The 2002 UND champions awards program for the athletics department will be held Sunday, May 5, at the Memorial Union Ballroom from 4:30 to 5:30 p.m. There will be a social before the program beginning at 4 p.m. Fighting Sioux coaches and athletes from all 20 sports will be represented. The public is cordially invited to attend this free event.

The athletic awards that will be presented include: Sioux service, spirit of the Sioux, Sioux-per-spirit, female rookie of the year, male rookie of the year, female unsung hero, male unsung hero, female scholar athlete of the year, male scholar athlete of the year, Grace Rhonemus female athlete of the year, and Glenn “Red” Jarrett male athlete of the year. – *Kelly Sauer, Athletics.*

Norwegian Official To Discuss Research, Technology Ties To UND

Jostein Mykletun, science counselor for Norway in the USA and Canada, will be on campus Monday and Tuesday, May 6 and 7, to explore opportunities with UND researchers on potential areas of collaborative research and technology development. Meetings have been set up in the areas of aerospace, medicine, energy and environment, and engineering.

Dr. Mykletun is a graduate of Macalester College, St. Paul, and also earned a Ph.D. in political science from the University of Minnesota, where he received his doctorate in political science. His offices are with the Royal Norwegian Embassy in Washington, D.C. Dr. Mykletun plans to make introductions of American researchers to Norwegian researchers to begin exploring collaborative R&D, tech commercialization, etc. He has a strong interest in connections with universities in the Midwest which are culturally tied to Norway.

Norway adopted a new strategic plan last October that calls for more focus on collaborating with U.S. researchers and American research universities to develop and commercialize new technologies. A Norwegian research forum has been formed to encourage and foster closer working relationships in America. UND has been asked to participate because of its strong Nordic Initiative program. Bruce Gjovig, chair of the UND Nordic Initiative, director of the center for innovation and director of the rural technology incubator has been asked to serve as the UND representative.

UND Nordic Initiative is the sponsor of this visit. The initiative is a 45-member committee working to develop the premier Nordic studies program in America by developing strong educational, intellectual, cultural, tourism, technology and trade exchanges with the Nordic Countries. It is raising a multi-million dollar endowment to further develop these programs at the University of North Dakota.

– *Bruce Gjovig, Chair, UND Nordic Initiative, 777-3134.*

May 7 Reception Honors Authors In English Department

The English department is celebrating the work of all its members who have published books in the new century. The reception will take place at the North Dakota Museum of Art, Tuesday, May 7, 4 to 5:30 p.m.

Please join us in congratulating our colleagues:

- Michael Beard, co-translator with Abbas Kiarostami, *Walking with the Wind*
- Melanie Crow and Allen Helmstetter, eds., *The University of North Dakota Guide to College Composition*
- Xiaozhao Huang, *A Study of African-American Vernacular, English in 'America's Middletown'*
- Kathy Coudle King, *Wannabe*
- Susan Koprince, *Understanding Neil Simon*
- Jane Kurtz, *Water Hole Waiting and Jakarta Missing*
- Jay Meek, *The Memphis Letters*
- Elizabeth Rankin, *The World of Writing*
- Ron Vossler, *We'll Meet Again in Heaven: Germans in the Soviet Union Write Their American Relatives 1925-1937*

Barnes & Noble has generously agreed to make these books available for your purchase at this event. – *James McKenzie, Chair, Department of English.*

Tickets On Sale For Staff Recognition Ceremony

The 2002 Recognition Ceremony for Staff Personnel will be held Tuesday, May 14, at the Memorial Union Ballroom beginning at 11:30 a.m. Employees will be recognized for years of service in five year increments, 10 meritorious service awards will be presented, and the winner of the Ken and Toby Baker UND proud award will be announced.

Tickets may be purchased in the office of personnel services, 313 Twamley Hall for \$3.50 each or from the personnel manager in your department. Tickets must be purchased no later than Wednesday, May 8. Anyone who needs an accommodation for the luncheon should contact Joy Johnson (personnel services), 777-4367, joy_johnson@mail.und.nodak.edu. All members of the University community are invited. – *Diane Nelson, Director, Office of Personnel Services.*

Summer Yoga Classes Begin May 14

Summer yoga classes begin May 14 at the Lotus Meditation Center. Classes are held at 6 p.m. Tuesdays, noon Wednesdays, and 5:30 p.m. Thursdays. The classes end in mid-July. It is possible to take single classes or a block of classes; call for details about the fees and to pre-register. Call Dyan Rey, instructor, at 772-8840 or 777-2419. – *Dyan Rey, Art.*

Freshmen Registration Program Begins June 3

Getting Started 2002, the summer advisement and registration program for incoming freshmen, will begin Monday, June 3, and run through Friday, July 12, with no program Thursday and Friday, July 4 and 5. Getting Started 2002 will run Monday through Friday, from approximately 8 a.m. to 3 p.m. The breakdown of the dates follows: June 3-4: presidential scholars; June 4-5: outstanding high school leaders; June 7 and 10: pacesetters; June 11: honors and integrated studies; June 21 and July 3: pre-freshman academic experience; and June 12 to July 12: all others. Incoming freshmen are required to pre-register for a registration day at the Getting Started program, which will be held in the Memorial Union on the second floor. For further information, please contact me. – *Kacie Jossart, Getting Started coordinator, student academic services, 777-6131.*

Registration Begins For Summer Art Day Camp

The North Dakota Museum of Art is again offering a summer art day camp to provide an alternative art experience for children. Led by professional artists and specialists in their field, the children will create artwork using traditional and nontraditional approaches.

Each camp is one week long. The fee is \$85 for Museum members and \$95 for non-members, per child per session. A child may become a member for \$10. Early registration is advised by calling 777-4195.

July 8-12, ages 7-11

MASK-MAKING: Participants will explore a variety of mask-making techniques over the course of the week and each child will create several masks. The children will choose one of their masks to wear on a float representing the Museum's summer art camp in the Potato Bowl Parade on Sept. 7.

July 15-19, ages 12 and up

FORENSICS: Children will explore the adult world of forensics. The Museum is hosting an exhibition, To Protect and Serve: The LAPD Archives, which is made up of 100 years of photography from the Los Angeles Police Department. Finger printing, blood typing, and police dogs, are among the areas the children will learn about in the company of forensic specialists, police officers and university professors.

July 22-26, ages 12 and up

CREATING YOUR OWN SPACE: The group will use found materials, including cardboard, wood, tin, etc., to collaboratively create an environment on the Museum grounds. They will also explore and work creatively with ideas about their own personal space.

July 29-Aug. 2, ages 7-11

PUBLIC ART: The children will create a work of public art to be displayed in an undetermined location. Adam Kemp will work with the children to make a three dimensional piece comprised of found objects, tile, and paint. Kemp is an artist who, since moving to Grand Forks in 1987, has worked with children and young adults on numerous occasions. He regards the children as collaborators, not pupils. – *North Dakota Museum of Art.*

Announcements

BRIN Offers \$12,000 Graduate Teaching Internships

The North Dakota Biomedical Research Infrastructure Network (BRIN) is implementing a graduate teaching internship (GTI) program to provide intensive teaching experiences for advanced graduate students enrolled in the sciences at UND and NDSU.

Graduate students will receive \$12,000 for one semester to develop their teaching skills and enhance their resumes. An intern will teach in the sciences for one semester at a participating North Dakota baccalaureate institution or tribal college. Interns assigned to teach science at a tribal college will also be eligible for a \$2,000 room and board supplement. Approximately 20 hours/week of teaching service (including laboratories, course preparation, teaching, and other academic service) is expected.

Nine positions are available for the 2002-2003 academic year, primarily in the subject areas of biology (including microbiology), chemistry, and physics. Most of the GTI assignments will be for the spring semester, 2003.

Interns are sought from the graduate programs at both NDSU and UND. Preference will be given to applicants who are nearing completion of their Ph.D. degrees, although applications will be considered from all graduate students in the sciences. Graduate credit is being arranged from NDSU or UND for this service.

Application deadline (all materials): **May 20, 2002.**

We anticipate continuation of the program into the 2003-2004 academic year.

For further information, visit: <http://www.med.und.nodak.edu/brin/>, or contact Dr. Donald Schwert, NDSU, at 231-7496 or donald.schwert@ndsu.nodak.edu.

Additional information about the North Dakota BRIN program is available at: <http://www.med.und.nodak.edu/brin/> – *John Shabb, Director, ND BRIN.*

Solar Car Team Seeks Sponsors

The UND solar car team will race in Topeka, Kan., **May 11-18**, and needs additional sponsors to help with race costs. If you are interested in being a supporter of this great activity, you can:

- Adopt a cell for \$25. For \$25 you will help defray the costs of our solar array. In appreciation of your donation, your name will go on a banner of sponsors to be displayed with the car.
- Adopt a team member for \$75. For \$75 you will support a team member's food costs for the Topeka race. In appreciation of your donation, you will receive a photo of the team member you sponsored and a personal thank you letter from that student. Your name will also go on our sponsorship banner to be displayed with the car.

We have other sponsorship levels available. If you are interested in sponsoring us or would like more information about our team or our car please contact us at Society of Energy Alternatives, Alumni Association, Box 8157, University of North Dakota, Grand Forks, ND 58202, phone 777-4110; fax 777-4838; e-mail UND_Subzero@hotmail.com.

-- *Jan Orvik, Editor, for Sarah Eggleston, Solar Car Team.*

Submit Changes To Code Of Student Life By June 14

It is again time to submit proposed administrative changes to the Code of Student Life. The Code must be sent to the printers shortly to ensure timely editing, printing, and distribution. If you are responsible for any sections of this document and revision is required, please submit those revisions by e-mail to Erin Rooks at erin.rooks@und.nodak.edu, or fax to 777-4583, the Dean of Students office, not later than **June 14**. – *Jerry Bulisco, Assistant Dean of Students*.

Upcoming U2 Workshops Listed

INFORMATION TECHNOLOGY SYSTEMS AND SERVICES

ITSS classes are held in 361 Upson II, and require a working knowledge of Windows or a Windows class. Enrollment is limited to 12 in most cases. A \$10 manual is optional for Access (Levels II and III),

Excel, Power Point, Windows, and all Word and WordPerfect classes. The cost for an Access Level I manual is \$16. Instructors: Tracy Uhler, GroupWise; Rose Keeley, TSO and PageCenter; Doris Bornhoeft, E-mail, HTML, and Netscape; Jim Malins, all other classes.

Excel 00, Level III: May 13, 15 and 17, 9 to 11:45 a.m. (eight hours total). Prerequisite: Excel Level II. Use trend analysis and IF functions, create lookup tables and user defined functions, customize Excel and templates.

Power Point 00, Level II: May 14 and 16, 8:15 a.m. to noon (seven hours total). Prerequisite: Power Point 00, Level I. Interface Power Point with Excel and Word, add charts, movies, and animation, create slide templates, advanced slide shows and Web presentations.

HOW TO REGISTER

Registering for U2 workshops is easy! Contact Amy Noeldner at the University Within the University office by phone, 777-2128, fax, 777-2140, e-mail, U2@mail.und.nodak.edu, or mail to Box 7131. To register online, go to www.conted.und.edu/U2. Please provide the following information when you register: your name, department, box number, phone number, Social Security number (for accurate record keeping), and e-mail address; the title and date of the event; and the method of payment (ID billing, personal check, or credit card number and expiration date) if the event has a fee. – *Amy Noeldner, University Within the University*.

ITSS Gives Info For JCL, SAS Users

Following is information for users of JCL, SAS JCL, and FTP:

Obsolete JCL:

If you have any jobs with the following JCL at the end of your program please delete them. This code no longer works with TSO and causes system dumps.

```
//WYLMSG EXEC PGM=WNOTIFY,PARM=WYLBUR,COND=EVEN  
//STEPLIB DD DSN=WYL.MVS.LINKLIB,DISP=SHR
```

Please remove the above lines of code from the bottom of your programs.

SAS JCL update for the FTP program using the IBM OS/390 2.10 mainframe.

SAS jobs that name the FTP program to execute using the PGM parameter on the JCL EXEC statement will generate an error message in the SAS log. If you are using the following type of JCL statements in your SAS job:

```
//FTPSTP1 EXEC PGM=FTP,REGION=1024K  
//STEPLIB DD DISP=SHR,DSN=TCPIP.SEZALINK  
//SYSTCPD DD DISP=SYS1.TCPPARMS(DATA)
```

The following type errors messages will generate in the SAS log.

IEC141I 013-18,IGG0181B,SABPSA,FTPSTP1,SYSTCPD,03B1,...

IEC141I 013-18,IGG0191B,SABPSA,FTPSTP1,SYSTCPD,03B1,...

(indicating the system cannot find the TCP PARMS)

The solution is to eliminate the two JCL DD (data definition) statements following the JCL EXEC statement that names the FTP program to execute. The first 3 JCL statements illustrated above should only have the EXEC statement, delete the two DD statements. If deletion is too extreme, comment them out using the JCL Comment (//*) statement.

WS_FTP to and from the new OS/390 2.10 update.

The FTP program, WS_FTP, Host Type should be set to IBM MVS to work with the previous and the new OS/390 2.10 Operating System (mainframe system at UND). Just click on the drop down arrow and scroll to select the IBM MVS Host Type.

If you have any questions concerning the above information please contact me. -- Rose Keeley, Client Support Team Leader, Information Technology Systems and Services, 777-3062 or Rose.Keeley@mail.und.nodak.edu.

Law Library Lists Hours For Finals

Law Library hours for finals are: Monday, April 29, through Friday, May 3, 7:30 a.m. to midnight; Saturday, May 4, 7:30 a.m. to midnight; Sunday, May 5, 10 a.m. to midnight; Monday, May 6, through Thursday, May 9, 7:30 a.m. to midnight; Friday, May 10, 7:30 a.m. to 5 p.m.; Saturday, May 11 (commencement), 10 a.m. to 5 p.m.; Sunday, May 12, closed. – *Cherie Stoltman, Thormodsgard Law Library.*

Library Lists Final Exam Hours

Final exam hours for the Chester Fritz Library are: Friday, May 3 (reading and review day), 8 a.m. to 10 p.m.; Saturday, May 4, 10 a.m. to 10 p.m.; Sunday, May 5, 1 p.m. to midnight; Monday through Thursday, May 6-9, 8 a.m. to midnight; Friday, May 10, 8 a.m. to 4:30 p.m. – *Karen Cloud, Chester Fritz Library.*

Male Volunteers Sought For Study

A graduate student in experimental psychology working on his dissertation under the supervision of Tom Petros is seeking research participants. If you are a male non-smoker between ages 18-29 interested in earning \$25 for participation in my study please contact Dmitri at 780-8001. – *Tom Petros, Psychology.*

Facilities Thanks Student Volunteers

Facilities would like to thank the Army ROTC for their time and efforts in cleaning up the area along Highway 2. We would also like to thank John Lofseth for coordinating the student volunteers in the campus clean up April 17. This was another example of the outstanding student body we have at UND. Your efforts were very much appreciated. – *Paul Clark, Associate Director of Facilities.*

Best Buy Won't Accept UND Purchase Orders

We were recently informed by Best Buy that they have changed their policy and will no longer accept UND purchase orders. Therefore, all future procurement for the University from Best Buy will be on the UND Visa purchasing card. This procedure is effective immediately.

Departments interested in having a UND purchasing card may contact Allison in accounting services, 777-2968. – *Purchasing Office.*

Community Music Offers Summer Lessons

The UND community music program offers summer voice lessons for children (ages 8 and above) and adults in Hughes Fine Arts Center. For information, call 777-2830 or 777-2644. - *Barbara Lewis, Associate Professor of Music.*

AAUW Seeks Donated Books

The American Association of University Women (AAUW) needs your used, donated books. Call 775-7027 or 775-9468 for pick-up. – *Jan Orvik, Editor, for Wanda Weir, AAUW Publicity Chair, 775-9468.*

Grants and Research

Faculty Awarded FIDC Grants

The following faculty members were awarded faculty instructional development committee (FIDC) grants in March:

1. **Marjorie Bock** (teaching and learning), "GRAAIN: A Training Program for Family Members and Caregivers Who Work with Autism or Asperger Syndrome," \$750;
2. **Debra Byram** (occupational therapy), "American Occupational Therapy Association 82nd Annual Conference 2002," \$750;
3. **Don Daughtry** (counseling), "YIA National Institute for People with Disabilities Conference 2002," \$558.13;
4. **LaVonne Fox** (occupational therapy), "American Occupational Therapy Association 82nd Annual Conference 2002," \$750;
5. **Julie Gothman** (nutrition and dietetics), "National Restaurant Association Educational Foundations' ServSafe Six-Video Set," \$349.25;
6. **Eva Houston** (counseling and social work), "Annual Training Conference of the National Council on Rehabilitation Education," \$750;
7. **David Pierce** (chemistry), "Communicating Chemistry: Reaching Students and the Public at Large," \$612;
8. **Joann Segovia** (accounting and business law), "American Accounting Association 2002 Midwest Regional Meeting," \$552;
9. **Dave Yearwood** (industrial technology), "National Conference of the American Technical Education Association," \$750;
10. **Tom Steen** (physical education and exercise science), "Annual Convention of the American Alliance for Health, Physical Education, Recreation and Dance," \$750;
11. **Burt Thorp** (English and interdisciplinary studies program), "Shakespeare Association of America Annual Meeting," \$750.

The following faculty were awarded FIDC grants in April:

12. **Gary Babiuk** (teaching and learning), "Secondary Social Studies Methods Course Instructional Materials," \$1,000;
13. **Dee Ann Ellingson** (accounting and business law), "American Accounting Association 2002 Midwest Regional Meeting," \$554;
14. **Richard Josephs** (geology and geological engineering), "National Association of Geoscience Teachers Workshop for Early Career Faculty in the Geosciences," \$593;
15. **Charles Miller** (philosophy and religion), "International Society of Biblical Literature Meeting in Berlin," \$1,250;
16. **Claudia Routon** (languages), "Instructional Materials for Spanish Women Writers since 1936," \$625.74;
17. **Michele Yanks** (social work), "Problem Based Learning 2002: A Pathway to Better Learning," \$750;

FIDC grant proposals may be used to purchase instructional materials, travel to teaching-related conferences, or other projects related to teaching. To submit a proposal, call the office of instructional (OID) for guidelines and materials or find the necessary information on the OID web site (listed under "academics" on the UND home page.)

Proposals may be submitted at any time during the academic year and are reviewed on a monthly basis by the faculty instructional development committee. Next deadline is Wednesday, May 15.

Instructional or professional development projects that fall outside FIDC guidelines may qualify for funding through OID's flexible grant program.

For further information, or to discuss ideas and drafts before submitting a final proposal, contact me. -- Libby Rankin, Director, Office of Instructional Development, libby_rankin@und.nodak.edu or 777-3325.

Research, Grant Opportunities Listed

Following are research and grant opportunities. For additional information, contact the Office of Research and Program Development at 777-4278 or shirley_griffin@mail.und.nodak.edu.

BAYER CORPORATION

Bayer Urology Fellowship--Support for residents, clinical and research fellows, and junior faculty to conduct original research in erectile dysfunction. **Deadline:** 6/15/02. **Contact:** Bayer Fellowship Coordinator, Bruce Leeb & Company, 201-703-6100, info@blc1.com; fax 201-703-6101.

DEPARTMENT OF AGRICULTURE (USDA)

Special Nutrition and Food Stamp Analysis Projects (SOL FNS-02-011JTR). Parties interested in receiving a copy of the solicitation should submit a written request, include four self-addressed mailing labels, to USDA, Food and Nutrition Service, Contract Management Branch, Rm 228, Attn: Joe Rainey, 3101 Park Center Drive, Alexandria, VA. 22302. Telephone, fax, and email requests will not be honored. **Deadline :** 6/6/02. **Contact:** Joe Rainey, Food and Nutrition Service, 703-305-2260; joseph.rainey@fns.usda.gov.

DEPARTMENT OF THE AIR FORCE

Mixed Signal Electronics Technology for Space (PRDA-PKV-02-07). **Deadline:** 5/20/02. **Contact:** Brenda Brummer, 505-846-5935; Brenda.brummer@kirtland.af.mil.

DEPARTMENT OF THE ARMY

DOD Tuberous Sclerosis Complex Research Program (SOL FBO-TSCRP-0314)--Support to promote research directed toward a better understanding of the role and function of proteins produced by the TSC1 and TSC 2 tumor suppressor genes. **Contact:** Patricia Evans, 301-619-7354; evans@amedd.army.mil; <http://cdmrp.army.mil>. **Deadline:** 6/4/02.

DEPARTMENT OF ENERGY (DOE)

Geothermal Resource Exploration and Definition II (GRED II)--Support for development of new geothermal energy resources. **Deadline :** 6/4/02. **Contact:** Erwin E. Fragua, 505-845-6442; efragua@doeal.gov; http://frwebgate.access.gpo.gov/cgi-bin/getdoc.cgi?dbname=2002_register&docid=02-7591-filed.

NATIONAL ACADEMIC ADVISING ASSOCIATION (NAAA)

Support for academic advising-related research. **Contact:** NACADA Executive Office, 785-532-5717; nacada@ksu.edu. <http://www.nacada.ksu.edu/Awards/rescall.html>. **Deadline:** 6/10/02.

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION (NASA)

Research Opportunities in Physical Sciences: Physical Sciences Ground-Based and Flight Research (SOL NRA-01-OBPR-08). **Deadlines:** 6/3/02, 9/3/02, 12/2/02. **Contact:** Bradley M. Carpenter, 202-358-0826; bcarpent@hq.nasa.gov; <http://nais.msfc.nasa.gov/cgi-bin/EPS/bizops.cgi?gr=D&pin=04#99413>.

Support for research across a broad range of space science program elements relevant to one or more of the following themes: Astronomical Search for Origins, Solar System Exploration, Structure and Evolution of the Universe, and The Sun-Earth Connection. **Contact:** J. David Bohlin, 202-358-0880; jbohlin@mail.hq.nasa.gov; <http://nais.msfc.nasa.gov/cgi-bin/EPS/bizops.cgi?gr=D&pin=04#99770>.

Deadline: 6/7/02.

NATIONAL HEART, LUNG, AND BLOOD INSTITUTE (NHLBI)

Mentored Quantitative Research Career Development Award (PA-99-087)--Support for investigators with quantitative scientific and engineering backgrounds outside of biology or medicine who have made a commitment to focus research on basic or clinical behavioral and biomedical research. **Deadline:** 6/1/02, 10/1/02, 2/1/03. **Contact:** Michael Commarato, 301-435-0535; mc63a@nih.gov; <http://grants.nih.gov/grants/guide/pa-files/PA-99-087.html>.

NATIONAL CANCER INSTITUTE (NCI)

Exploratory Grants for Behavioral Research in Cancer Control (PA-02-001). **Contact:** Sabra F. Woolley, 301-435-4589, sw215x@nih.gov; <http://grants2.nih.gov/grants/guide/pa-files/PA-02-001.html>. **Deadlines:** 6/1/02, 10/1/02, 2/1/03.

NATIONAL INSTITUTE OF ALLERGY AND INFECTIOUS DISEASES (NIAID)

HIV Vaccine Research and Design (PAR-00-072). **Deadlines:** 6/10/02, 11/10/02. **Contact:** Michael Pensiero, 301-435-3749; mpensiero@niaid.nih.gov; <http://grants.nih.gov/grants/guide/pa-files/PA-00-072.html>.

Investigator-Initiated Small Research (R03) Grants (PA-02-038)--Support for small research projects related to the mission of the NIAID. **Deadlines:** 6/1/02, 10/1/02, 2/1/03. **Contact:** Carl W. Dieffenbach, 301-496-0637; cdd@nih.gov; <http://grants.nih.gov/grants/guide/pa-files/PA-02-038.html>.

Support for research on the mechanisms of mucosal immunity and tolerance as they apply to food allergy (PA-97-091). **Deadline:** 6/1/02, 10/1/02, 2/1/03. **Contact:** Marshall Plaut, 301-496-8973; mp27s@nih.gov; <http://grants.nih.gov/grants/guide/pa-files/PA-97-091.html>.

NATIONAL INSTITUTE OF ARTHRITIS AND MUSCULOSKELETAL AND SKIN DISEASES (NIAMS)

Support for basic science and clinical studies to better understand the pathophysiology, diagnosis and treatment of deep infections around total joint replacement implants (PA-00-014). **Deadlines:** 6/1/02, 10/1/02. **Contact:** James S. Panagis, 301-594-5055; jp149d@nih.gov; <http://grants.nih.gov/grants/guide/pa-files/PA-00-014.html>.

Support for investigator-initiated research on therapeutic and pathogenic approaches for muscular dystrophies (PAS-01-041). **Deadlines:** 6/1/02, 10/1/02. **Contact:** Richard W. Lymn, 301-480-4543; LymnR@mail.nih.gov; <http://grants.nih.gov/grants/guide/pa-files/PAS-01-041.html>.

NATIONAL INSTITUTE OF CHILD HEALTH AND HUMAN DEVELOPMENT (NICHD)

Biomarkers and Clinical Endpoints in Pediatric Clinical Trials (PA-01-043). **Contact:** George P. Giacoia, 301-496-5589; gg65m@nih.gov; <http://grants.nih.gov/grants/guide/pa-files/PA-01-043.html>. **Deadlines:** 6/1/02, 10/1/02, 2/1/03.

Support for research on determinants and consequences of population movement (PA-00-032). **Contact:** Christine A. Bachrach, 301-496-9485; Cbachrach@nih.gov; <http://grants2.nih.gov/grants/guide/pa-files/PA-00-032.html>. **Deadlines:** 6/1/02, 10/1/02.

Support for research on processes that determine population size, growth, composition, and distribution, and determinants and consequences of population processes (PAR-02-099). **Contact:** Christine Bachrach,

301-496-9485; cbachrach@nih.gov; <http://grants.nih.gov/grants/guide/pa-files/PA-02-099.html>.

Deadlines: 6/1/02, 10/1/02, 2/1/03.

Support for research on the effects of media consumption on young people's attitudes and behavior regarding sex (PA-98-079). **Deadline:** 6/2/02. **Contact:** Susan F. Newcomer, 301-496-1174; sn19y@nih.gov; <http://grants.nih.gov/grants/guide/pa-files/PA-98-079.html>.

Support for restoring, replacing, or enhancing function of adults and children with disabilities (PA-99-041).

Deadlines: 6/1/02, 10/1/02. **Contact:** Louis A. Quatrano, 301-402-2242; lq2n@nih.gov; <http://grants.nih.gov/grants/guide/pa-files/PA-99-041.html>.

Support to further understanding of the epidemiology, etiology, prevalence, criteria for accurate diagnosis, underlying pathophysiology and pain mechanisms, and treatment strategies for vulvodynia (PA-02-090).

Contact: Estella Parrott, 301-496-6515; ep61h@nih.gov; <http://grants1.nih.gov/grants/guide/pa-files/PA-02-090.html>. **Deadlines:** 6/1/02, 10/1/02, 2/1/03.

NATIONAL INSTITUTE OF DENTAL AND CRANIOFACIAL RESEARCH (NIDCR)

Support for planning and protocol development of biomedical, epidemiological and behavioral studies in international research areas (PAR-00-012). **Deadlines:** 6/1/02, 10/1/02. **Contact:** Judy Small, 301-594-2425; Judy.Small@nih.gov; <http://grants.nih.gov/grants/guide/pa-files/PA-00-012.html>; <http://grants.nih.gov/grants/funding/phs398/phs398.html>.

NATIONAL INSTITUTE OF DIABETES AND DIGESTIVE AND KIDNEY DISEASES (NIDDK)

Funding for research on fundamental questions of hematologic abnormalities exhibited by humans infected by HIV (PA-98-088). **Deadline:** 6/1/02. **Contact:** Paul L. Kimmel, 301-594-7717; pk77g@nih.gov; <http://grants.nih.gov/grants/guide/pa-files/PA-98-088.html>.

Race/Ethnic Disparities in the Incidence of Diabetes Complications (PAS-00-028). **Contact:** Barbara Linder, 301-594-0021; linderb@extra.niddk.nih.gov; <http://grants.nih.gov/grants/guide/pa-files/PAS-00-028.html>. **Deadlines:** 6/1/02, 10/1/02, 2/1/03.

Support for ancillary studies to interventional clinical trials to address biological, behavioral and statistical issues related to control or comparison groups and effects of inclusion of a placebo group on clinical trial design (PA-02-094). **Deadlines:** 6/1/02, 10/01/02, 2/1/03. **Contact:** Leroy M. Nyberg, Jr., 301-594-7717; ln10f@nih.gov; <http://grants1.nih.gov/grants/guide/pa-files/PA-02-094.html>.

Support for basic and clinical investigations that address liver and biliary diseases in women and underrepresented minorities (PA-98-086). **Deadline:** 6/1/02. **Contact:** Jose Serrano, 301-594-8871; js362q@nih.gov; <http://grants.nih.gov/grants/guide/pa-files/PA-98-086.html>.

Support for innovative clinical and epidemiological research into new therapies or means of prevention of digestive diseases and nutritional disorders (PAR-01-056). **Deadlines:** 6/1/02, 10/1/02, 2/1/03. **Contact:** Patricia Robuck, 301-594-8879; pr132q@nih.gov; <http://grants.nih.gov/grants/guide/pa-files/PA-01-056.html>.

Support for research on normal renal structure, function and regulation (PA-96-029). **Contact:** M. James Scherbenske, 301-594-7719; js255f@nih.gov; <http://grants.nih.gov/grants/funding/phs398/phs398.html>; <http://grants.nih.gov/grants/guide/pa-files/PA-96-029.html>. **Deadlines:** 6/1/02, 10/1/02, 2/1/03.

Support for secondary analysis of existing data sets relevant to diabetes and endocrine and metabolic diseases; digestive diseases and nutrition, including obesity and eating disorders; and kidney, urological, and hematological diseases (PA-02-077). **Deadlines:** 6/1/02, 10/1/02, 2/1/03. **Contact:** James E. Everhart, 301-594-8878; je17g@nih.gov; <http://grants1.nih.gov/grants/guide/pa-files/PA-02-077.html>.

Support for studies focusing on systemic hormones, local growth factors, bone-active cytokines, their receptors and mechanisms of signaling in bone (PA-00-017). **Deadlines:** 6/1/02, 10/1/02. **Contact:** Ronald N. Margolis, 301-594-8819; rm76f@nih.gov; <http://grants.nih.gov/grants/guide/pa-files/PA-00-017.html>.

Support to pursue basic and clinical investigations into molecular biology and molecular genetics of acute and chronic pancreatitis as well as pancreatic insufficiency associated with cystic fibrosis (PA-99-040). **Contact:** Jose Serrano, 301-594-8871; SerranoJ@extra.niddk.nih.gov; <http://grants.nih.gov/grants/guide/pa-files/PA-99-040.html>. **Deadlines:** 6/1/02, 10/1/02.

Support to stimulate application of advances in developmental biology, specifically in developmental genetics, embryology, and stem cell biology, to study pancreatic development (PAS-00-015). **Contact:** Sheryl M. Sato, 301-594-8811; satos@extra.niddk.nih.gov; <http://grants.nih.gov/grants/guide/pa-files/PAS-00-015.html>. **Deadlines:** 6/1/02, 10/1/02.

Support to study molecular mechanisms underlying pathogenesis of diabetes mellitus in hemochromatosis and other forms of iron overload (PA-00-055). **Deadlines:** 6/1/02, 10/1/02, 2/1/03. **Contact:** David G. Badman, 301-594-7717; db70f@nih.gov; <http://grants.nih.gov/grants/guide/pa-files/PA-00-055.html>.

Support to study the role of endothelial alteration or dysfunction in the etiology and pathogenesis of micro- and macrovascular complications of diabetes (PA-00-026). **Deadlines:** 6/1/02, 10/1/02. **Contact:** Barbara Linder, 301-594-0021; linderb@extra.niddk.nih.gov; <http://grants.nih.gov/grants/guide/pa-files/PA-00-026.html>.

Support to translate recent advances in the prevention and treatment of type 1 or type 2 diabetes into clinical practice for individuals and communities at risk (PA-01-069). **Deadlines:** 6/1/02, 10/1/02, 2/1/03. **Contact:** Sanford Garfield, 301-594-8803; garfields@extra.niddk.nih.gov; <http://grants.nih.gov/grants/guide/pa-files/PA-01-069.html>.

NATIONAL INSTITUTE OF ENVIRONMENTAL HEALTH SCIENCES (NIEHS)

Support for research on relative roles of environmental, endogenous neurochemical and genetic factors in the cause of neurodegenerative diseases (PAS-99-054). **Deadlines:** 6/1/02, 10/1/02. **Contact:** Annette G. Kirshner, 919-541-0488; ak27b@nih.gov; <http://grants.nih.gov/grants/guide/pa-files/PAS-99-054.html>.

Support for projects designed to understand cellular and molecular events that underlie transition from antigen sensitization to beryllium to chronic Beryllium disease (PA-99-075). **Contact:** George Malindzak 919-541-3289; malindzak@niehs.nih.gov; <http://grants.nih.gov/grants/guide/pa-files/PA-99-075.html>. **Deadlines:** 6/1/02, 10/1/02, 2/1/03.

Support to study environmental agents that cause cardiovascular malformations (CVMs) (PA-02-093). **Deadlines:** 6/1/02, 10/1/02, 2/1/03. **Contact:** J. Patrick Mastin, 919-541-3289; mastin@niehs.nih.gov; <http://grants1.nih.gov/grants/guide/pa-files/PA-02-093.html>.

NATIONAL INSTITUTE OF GENERAL MEDICAL SCIENCES (NIGMS)

Exploratory Studies for High Risk/High Impact Research (PA-97-049)--Support for research involving an especially high degree of innovation and novelty. **Contact:** James C. Cassatt, 301-594-0828; czj@cu.nih.gov; <http://grants.nih.gov/grants/guide/pa-files/PA-97-049.html>. **Deadlines:** 6/1/02, 10/1/02, 2/1/03.

Support for application of electron microscopy (EM) to a range of problems in molecular and cellular biology (PA-00-083). **Deadlines:** 6/1/02, 10/1/02, 2/1/03. **Contact:** James F. Deatherage, 301-594-3828; deatherj@nigms.nih.gov; <http://grants.nih.gov/grants/guide/pa-files/PA-00-083.html>.

Support for basic research on detection and manipulation of single molecules (PA-01-049). **Contact:** Catherine Lewis, 301-594-0828; lewisc@nigms.nih.gov; <http://grants.nih.gov/grants/guide/pa-files/PA-01-049.html>. **Deadlines:** 6/1/02, 10/1/02, 2/1/03.

Support for development of methodology and technology underpinning structural genomics (PA-99-117). **Contact:** John C. Norvell, 301-594-0533; norvellj@nigms.nih.gov; <http://grants.nih.gov/grants/guide/pa-files/PA-99-117.html>. **Deadline:** 6/1/02.

Support for new studies on architecture of complex phenotypes, including research using human and model systems as well as research using theoretical approaches (PA-98-078). **Deadlines:** 6/1/02. **Contact:** Irene Anne Eckstrand, 301-594-0943; Irene_Eckstrand@nih.gov; <http://grants.nih.gov/grants/guide/pa-files/PA-98-078.html>.

Support for Research Centers in Trauma, Burn, and Perioperative Injury (PAR-02-092). **Contact:** Scott Somers, 301-594-5560; somerss@nigms.nih.gov; <http://grants1.nih.gov/grants/guide/pa-files/PAR-02-092.html>. **Deadlines:** 6/1/02, 10/1/02, 2/1/03.

Support for research that bridges the areas of inorganic chemistry and medicine (PA-01-071). **Contact:** Peter C. Preusch, 301-594-5938; preuschp@nigms.nih.gov; <http://grants.nih.gov/grants/guide/pa-files/PA-01-071.html>. **Deadlines:** 6/1/02, 10/1/02, 2/1/03.

Support to develop quantitative approaches to describe, analyze, and predict behavior of complex biological systems (PA-98-077). **Deadline:** 6/1/02. **Contact:** James C. Cassatt, 301-594-0828; czj@cu.nih.gov; <http://grants.nih.gov/grants/guide/pa-files/PA-98-077.html>.

NATIONAL INSTITUTE OF MENTAL HEALTH (NIMH)

Behavioral Science Track Award for Rapid Transition (B/START) (PAR-00-119)--Support to facilitate entry of new investigators into the field of behavioral science research. **Deadlines:** 6/1/02, 10/1/02, 2/1/03. **Contact:** Mary Ellen Oliveri, 301-443-3942; moliveri@nih.gov; <http://grants.nih.gov/grants/guide/pa-files/PAR-00-119.html>.

Mental Health Research Education Grants (PAR-02-087)--Support to foster development of mental health researchers through creative and innovative educational programs. **Contact:** Debra Wynne, 301-443-9719; dwynne1@nih.gov; <http://grants.nih.gov/grants/guide/pa-files/PAR-02-087.html>. **Deadlines:** 9/1/02, 10/1/02 (Letters of Intent); 10/1/02, 11/1/02 (Applications).

Support for investigator-initiated research addressing problems of major public mental health significance in which the opportunity to conduct research is time limited (PAR-01-136). **Deadlines:** Letter of Intent must be received one month prior to application; applications due on 9th of each month. **Contact:** Denise Juliano-Bult, 301-443-1638; djuliano@nih.gov; <http://grants.nih.gov/grants/guide/pa-files/PAR-01-136.html>.

Support for multidisciplinary, methodologically rigorous programs of neuroscience research that will use advanced techniques for statistical and molecular genetic analysis in human and animal populations to elucidate the genetic basis of complex behaviors (PA-98-097). **Contact:** Mary E. Farmer, 301-443-1411; mary_farmer@nih.gov; <http://grants.nih.gov/grants/guide/pa-files/PA-98-097.html>. **Deadline:** 6/1/02.

Support for studies addressing factors influencing the dissemination of mental health research knowledge across mental health service settings (PA-99-068). **Deadlines:** 6/1/02, 10/1/02, 2/1/03. **Contact:** Harold Goldstein, 301-443-3747; goharold@nih.gov; <http://grants.nih.gov/grants/guide/pa-files/PA-99-068.html>.

Support to encourage intervention research applications in understudied disorders or problematic behaviors, populations, and settings (PA-99-134). **Deadline:** 6/1/02. **Contact:** Peter Muehrer, 301-443-4708; pmuehrer@nih.gov; <http://grants.nih.gov/grants/guide/pa-files/PA-99-134.html>.

Support to expand basic research on processes and mechanisms involved in experience and expression of emotion (PA-00-106, PA-00-105). **Deadlines:** 6/1/02, 10/1/02, 2/1/03. **Contact:** Mary Ellen Oliveri, 301-443-3942; moliveri@nih.gov; <http://grants.nih.gov/grants/guide/pa-files/PA-00-106.html>, <http://grants.nih.gov/grants/guide/pa-files/PA-00-105.html>.

Support to study early symptomatic manifestations of psychoses in the prodromal phase (PA-99-090). **Contact:** Robert Heinssen, 301-435-037; rh223v@nih.gov; <http://grants.nih.gov/grants/guide/pa-files/PA-99-090.html>. **Deadlines:** 6/1/02, 10/1/02, 2/1/03.

NATIONAL INSTITUTE ON AGING (NIA)

Impact of Immune Senescence and Maturation on Vaccine Responsiveness in the Elderly (PA-97-097)--Support to evaluate control measures for infectious diseases in the elderly. **Contact:** Stanley Slater, 301-496-6761; ss81z@nih.gov; <http://grants.nih.gov/grants/guide/pa-files/PA-97-097.html>. **Deadline:** 6/1/02.

Mentored Clinical Scientist Development Award (PA-00-003)--Support for specialized study for individuals with a health professional doctoral degree committed to a career in laboratory or field-based research. **Contact:** Robin A. Barr, 301-496-9322; rb42h@nih.gov; <http://grants.nih.gov/grants/guide/pa-files/PA-00-003.html>. **Deadlines:** 6/1/02, 10/1/02, 2/1/03.

Mentored Patient-Oriented Research Career Development Award (PA-00-004). **Deadlines:** 6/1/02, 10/1/02, 2/1/03. **Contact:** Robin A. Barr, 301-496-9322; rb42h@nih.gov; <http://grants.nih.gov/grants/guide/pa-files/PA-00-004.html>.

Midcareer Investigator Award in Patient-Oriented Research (PA-00-005). **Deadlines:** 6/1/02, 10/1/02, 2/1/03. **Contact:** Robin A. Barr, 301-496-9322; rb42h@nih.gov; <http://grants.nih.gov/grants/guide/pa-files/PA-00-005.html>.

Skeletal Muscle Perfusion, Aging, and Cardiovascular Disease (PA-00-056)--Support for studies on the impact of acute and/or chronic disease on skeletal muscle perfusion. **Deadlines:** 6/1/02, 10/1/02, 2/1/03. **Contact:** Chanda Dutta, 301-435-3048; cd23z@nih.gov; <http://grants.nih.gov/grants/guide/pa-files/PA-00-056.html>.

Support for research on methodology and measurement in behavioral and social sciences (PA-98-031). **Contact:** Jared B. Jobe, 301-496-3137; Jared_Jobe@nih.gov; <http://grants.nih.gov/grants/guide/pa-files/PA-98-031.html>. **Deadlines:** 6/1/02, 10/1/02, 2/1/03.

Support to stimulate ground-based research on basic, applied, and clinical biomedical and behavioral problems relevant to human space flight or that could use the space environment as a laboratory (PA-00-088). **Contact:** Andrew A. Monjan, 301-496-9350; am39m@nih.gov; <http://grants.nih.gov/grants/guide/pa-files/PA-00-088.html>. **Deadlines:** 6/1/02, 10/1/02, 2/1/03.

NATIONAL INSTITUTE ON ALCOHOL ABUSE AND ALCOHOLISM (NIAAA)

Estimating Alcohol-Attributable Fractions for U.S. Morbidity & Mortality Based on Meta-Analyses of Epidemiologic Studies (SOL AA0204). **Deadline:** 6/6/02. **Contact:** Sandra Reichard, 301-443-1191; sr52s@nih.gov; <http://www.fedbizopps.gov/>.

NATIONAL INSTITUTE ON DEAFNESS AND OTHER COMMUNICATION DISORDERS (NIDCD)

Support for clinical trials related to disorders of hearing, balance, smell, taste, voice, speech and language (PA-00-107). **Deadlines:** 6/1/02, 10/1/02, 2/1/03. **Contact:** A. Julianna Gulya, 301-435-4085; julie_gulya@nih.gov; <http://grants.nih.gov/grants/guide/pa-files/PA-00-107.html>.

Support for research designed to elucidate diagnosis, epidemiology, etiology, genetics, treatment, and

optimal means of service delivery in relation to Autistic Disorder and autism spectrum disorders (PA-01-051). Contact: Judith Cooper, 301-496-5061; Judith_Cooper@nih.gov; <http://grants.nih.gov/grants/guide/pa-files/PA-01-051.html>. **Deadlines:** 6/1/02, 10/1/02, 2/1/03.

NATIONAL INSTITUTE ON DRUG ABUSE (NIDA)

Behavioral Science Track Award for Rapid Transition (PAR-01-014)--Support for entry of beginning investigators into behavioral science research. **Contact:** Cora Lee Wetherington, 301-435-1319; wetherington@nih.gov; <http://grants.nih.gov/grants/guide/pa-files/PAR-01-014.html>. **Deadlines:** 6/1/02, 10/1/02 2/1/03.

Chemistry, Pharmacology, and Toxicology of Smoked Drugs of Abuse (PA-02-095). **Contact:** Paul Hillery, 301-443-6275; ph44x@nih.gov; <http://grants2.nih.gov/grants/guide/pa-files/PA-02-095.html>. **Deadline:** 6/2/02, 10/1/02, 2/1/03.

Clinical Research Education Programs in Drug Abuse and Addiction (PAR-99-093)--Support for educational programs to develop research skills of investigators who wish to focus on clinical, prevention, health services, or treatment issues in drug abuse or developing a cadre of clinical drug abuse experts proficient in use of research findings to develop or implement early detection, diagnosis, treatment, or prevention interventions. **Contact:** Andrea Baruchin, 301-443-6071; ab47j@nih.gov; <http://grants.nih.gov/grants/guide/pa-files/PAR-99-093.html>. **Deadlines:** 6/1/02, 10/1/02, 2/1/03.

Clinical Use of Medications to Treat Alcoholism and Alcohol-Related Diseases (PA-02-098). **Contact:** Joanne B. Fertig, 301-443-0635; jfertig@niaaa.nih.gov; <http://grants1.nih.gov/grants/guide/pa-files/PA-02-098.html>. **Deadlines:** 6/1/02, 10/1/02, 2/1/03.

Cutting-Edge Basic Research Awards (CEBRA) (PAR-01-047)--Support for research advances understanding of drug abuse and addiction and how to prevent and treat them. **Deadlines:** 6/1/02, 10/1/02, 2/1/03. **Contact:** Rebekah S. Rasooly, 301-443-6300; rr185i@nih.gov; <http://grants.nih.gov/grants/guide/pa-files/PAR-01-047.html>.

Drug Abuse Dissertation Research: Epidemiology, Prevention, Treatment, Services, and Women and Gender Differences (PA-02-055). **Deadlines:** 6/1/02, 10/1/02, 2/1/03. **Contact:** William J. Bukoski, 301-402-1526; bb75h@nih.gov; <http://grants.nih.gov/grants/guide/pa-files/PA-02-055.html>.

Epidemiologic Research on Drug Abuse (PA-99-002) **Deadlines:** 6/1/02, 10/1/02. **Contact:** James D. Colliver, 301-402-1846; jcollive@mail.nih.gov; <http://grants.nih.gov/grants/guide/index.html>; <http://grants.nih.gov/grants/guide/pa-files/PA-99-002.html>.

Exploratory/Developmental Grant Applications (PA-01-012)--Support for testing innovative or conceptually creative ideas related to understanding drug abuse and addiction. **Contact:** Harold Gordon, 301-443-4877; hg23r@nih.gov; <http://grants.nih.gov/grants/guide/pa-files/PA-01-012.html>. **Deadlines:** 6/1/02, 10/1/02, 2/1/03.

Medications Development for Stimulant Dependence (MDS) (SOL N01DA-2-8824). **Deadline :** 6/7/02. **Contact:** Kenneth Goodling, 301-443-6677; kg25d@nih.gov; <http://www.nida.nih.gov/RFP/RFPList.html>.

Neuroscience Research on Drug Addiction (PA-02-085). **Deadlines:** 6/1/02, 10/1/02. **Contact:** Roger M. Brown, 301-443-1887, rb99w@nih.gov; <http://grants2.nih.gov/grants/guide/pa-files/PA-02-085.html>.

Role of Limbic System and Brain Ontogeny in Drug Abuse (PA-02-015). **Contact:** Jonathan D. Pollock, 301-443-6300; jp183r@nih.gov; <http://grants.nih.gov/grants/guide/pa-files/PA-02-015.html>. **Deadlines:** 6/1/02, 10/1/02, 2/1/03.

Small Grants Program (PAR-00-059)--Support for research relevant to any area of biomedical, biobehavioral, clinical, health services, epidemiological, behavioral, and prevention research relevant to drug abuse or addiction processes. Deadlines: 6/1/02, 10/1/02, 2/1/03. Contact: Kathleen Etz, 301-402-1749; ke25p@nih.gov; <http://grants.nih.gov/grants/guide/pa-files/PA-00-059.html>.

Support for projects that identify chromosomal loci and genetic variation in genes associated with increased vulnerability to addiction or dependence (PA-00-115). Deadlines: 6/1/02, 10/1/02, 2/1/03. Contact: Jonathan D. Pollock, 301-443-6300; jp183r@nih.gov; <http://grants.nih.gov/grants/guide/pa-files/PA-00-115.html>.

Support for research aimed at reducing prescription drug abuse while supporting appropriate medical use of therapeutic agents with abuse liability (PA-01-048). Deadlines: 6/1/02, 10/1/02, 2/1/03. Contact: Dorynne Czechowicz, 301-443-2237; dc97d@nih.gov; <http://grants.nih.gov/grants/guide/pa-files/PA-01-048.html>.

Support for research on the natural history, epidemiology, etiology, pathogenesis, prevention, and treatment of drug abuse and drug abuse aspects of HIV/AIDS and other infectious agents (PA-01-023). Contact: Elizabeth Lambert, 301-402-1918; el46i@nih.gov; <http://grants.nih.gov/grants/guide/pa-files/PA-01-023.html>. Deadlines: 6/1/02, 10/1/02, 2/1/03.

Support for social work research in all areas of drug abuse intervention and services research (PAR-00-008). Contact: Peter Delany, 301-443-4060; pd32n@nih.gov; <http://grants.nih.gov/grants/funding/phs398/phs398.html>; <http://grants.nih.gov/grants/guide/pa-files/PA-00-008.html>. Deadlines: 6/1/02, 10/1/02.

Support to expand the basic science knowledge base on neurobiological and behavioral effects of nicotine and associated tobacco chemicals (PA-00-045). Contact: Thomas G. Aigner, 301-443-6975; ta17r@nih.gov; <http://grants.nih.gov/grants/guide/pa-files/PA-00-045.html>. Deadlines: 6/1/02, 10/1/02.

NATIONAL INSTITUTES OF HEALTH (NIH)

Dissertation Research Grants for Underrepresented Minorities in the Ethical, Legal, and Social Implications (ELSI) of Genetics Research (PA-02-048). Deadlines: 6/1/02, 10/1/02, 2/1/03. Contact: Jean E. McEwen, NHGRI, 301-402-4997, jm522n@nih.gov; James A. Lipton, NIDCR, 301-594-2618, James_Lipton@nih.gov; <http://grants2.nih.gov/grants/guide/pa-files/PA-02-048.html>.

Functional Tissue Engineering of Musculoskeletal Tissues (PA-02-014). Deadlines: 6/1/02, 10/1/02, 2/1/03. Contact: James S. Panagis, NIAMS, 301-594-5055, jp149d@nih.gov; Louis A. Quatrano, NICHD, 301-402-4221, lq2n@nih.gov; <http://grants2.nih.gov/grants/guide/pa-files/PA-02-014.html>.

Identifying Functional Links Between the Immune System and Brain Function Including Behavior (PA-02-045)--Support to study neuroimmune molecules and mechanisms involved in regulating normal and pathological CNS function. Contact: Lois Winsky, NIMH, 301-443-5288, lois@helix.nih.gov; Ursula Utz, NINDS, 301-496-1431, utzu@ninds.nih.gov; <http://grants2.nih.gov/grants/guide/pa-files/PA-02-045.html>. Deadlines: 6/1/02, 10/1/02, 2/1/03.

Innovation Grants for Aids Research (PA-02-046). Deadlines: 6/1/02, 10/1/02, 2/1/03. Contact: Carl W. Dieffenbach, NIAID, 301-496-0637, cdd@nih.gov; Joan Harmon, NIBIB, 301-451-6772, harmonaj@nibib.nih.gov; <http://grants2.nih.gov/grants/guide/pa-files/PA-02-046.html>.

Innovation Grants for Research on Hutchinson-Gilford Progeria Syndrome (PAR-02-097). Contact: Huber R. Warner, 301-496-4996; warnerh@nia.nih.gov; <http://grants1.nih.gov/grants/guide/pa-files/PA-02-097.html>.

097.html. Deadlines: 6/1/02, 10/1/02, 2/1/03.

Innovation Research in Human Immunology (PA-02-073). Deadlines: 6/1/02, 10/1/02, 2/1/03. Contact: Susan F. Plaeger, NIAID, 301-402-9444, SPlaeger@niaid.nih.gov; Helen Quill, NIAID, 301-496-7551, hquill@niaid.nih.gov; <http://grants2.nih.gov/grants/guide/pa-files/PA-02-073.html>.

Methodology and Measurement in Behavioral and Social Sciences (PA-02-072) Deadlines: 6/1/02, 10/1/02, 2/1/03. Contact: Michael Stefanek, NCI, 301-496-8776, ms496r@nih.gov; Morgan Jackson, NCCAM, 301-402-1278, mj145m@nih.gov; <http://grants.nih.gov/grants/guide/pa-files/PA-02-072.html>.

Pilot and Feasibility Program in Urology (PA-02-013). Deadlines: 6/1/02, 10/1/02 2/1/03. Contact: Leroy M. Nyberg, NIDKD, 301-594-7717, ln10f@nih.gov; Suresh Mohla, NCI, 301-435-1878, sm82e@nih.gov; <http://grants2.nih.gov/grants/guide/pa-files/PA-02-013.html>.

Social and Cultural Dimensions of Health (PA-02-043). Deadlines: 6/1/02, 10/1/02, 2/1/03. Contact: Ronald P. Abeles, Office of Behavioral and Social Sciences Research, NIH, 301-496-7859, abeles@nih.gov; Morgan D. Jackson, NCCAM, 301-402-1278, mj145m@nih.gov; <http://grants2.nih.gov/grants/guide/pa-files/PA-02-043.html>.

Support for research on the social and cultural dimensions of health (PA-02-043). Contact: Ronald P. Abeles, 301-496-7859; abeles@nih.gov; <http://grants.nih.gov/grants/guide/pa-files/PA-02-043.html>. Deadlines: 6/1/02, 10/1/02, 2/1/03.

Support for research on the structures of membrane proteins at atomic resolution (PA-02-060). Deadlines: 6/1/02, 10/1/02, 2/1/03. Contact: Peter C. Preusch, NIGMS, 301-594-5938, preuschp@nigms.nih.gov; Jean Chin, NIGMS, 301-594-2485, chinj@nigms.nih.gov; <http://grants2.nih.gov/grants/guide/notice-files/NOT-DA-02-004.html>.

Support to exploit the power of mutagenesis screening in zebrafish in order to detect and characterize genes, pathways, and phenotypes of interest in development and aging, organ formation, behavior, and disease processes (PA-01-070). Deadlines: 6/1/02, 10/1/02, 2/1/03. Contact: Lorette Javois; 301-496-5541; lj89j@nih.gov; <http://grants.nih.gov/grants/guide/pa-files/PA-01-070.html>.

NATIONAL SCIENCE FOUNDATION (NSF)

Antarctic Research--Support for research to be performed in Antarctica, and research and data analysis to be performed in the US. Deadline: 6/3/02. Contact: Desiree Marshall, 703-292-8033, Ant2001@nsf.gov; <http://www.nsf.gov/pubs/2002/nsf02086/nsf02086.html>.

Arctic Freshwater Cycle: Land/Upper-Ocean Linkages (SEARCH). Deadline: 6/3/02. Contact: Michael Ledbetter, 703-292-7432; mledbett@nsf.gov; <http://www.nsf.gov/pubs/2002/nsf02071/nsf02071.html>.

Bridges for Engineering Education (BEE)--Funding for planning grants to develop proposals that improve engineering content in K-12 education, pedagogy in undergraduate engineering, and engineering technology degree programs. Deadline: 6/4/02. Contact: Norman Fortenberry, 703/292-4622; nfortenb@nsf.gov; <http://www.nsf.gov/pubs/2002/nsf02092/nsf02092.html>.

Science, Technology, Engineering and Mathematics Talent Expansion Program (STEP)--Funding for planning or pilot projects to increase the number of students pursuing and receiving associates or baccalaureate degrees in science, technology, engineering, and mathematics (STEM). Deadline: 6/3/02. Contact: Division of Undergraduate Education, 703/292-8670; undergrad@nsf.gov; <http://www.nsf.gov/pubs/2002/nsf02075/nsf02075.html>.

Strategic Technologies for the Internet-2002--Support for projects to improve operational or functional capabilities of the Internet and enable related collateral efforts to benefit of research and education. Contact:

Gregory Monaco, 703-292-8948; anir-sti@nsf.gov;
<http://www.nsf.gov/pubs/2002/nsf02093/nsf02093.html>. Deadline: 6/5/02.

Support for exploratory research on information and communications systems for surface transportation (NSF-02-089). Deadline: 7/7/02. Contact: Miriam Heller, 703/292-8360, mheller@nsf.gov; Dennis Wenger, 703/292-8360, dwenger@nsf.gov; <http://www.nsf.gov/pubs/2002/nsf02089/nsf02089.txt>.

Support to improve quality of science, mathematics, engineering, and technology (SMET) education for all students in: Educational Materials Development, Adaptation and Implementation; and National Dissemination. Deadlines: 6/6/02, 12/4/02. Contact: Division of Undergraduate Education, 703-292-8666; undergrad@nsf.gov; <http://www.nsf.gov/pubs/2002/nsf02043/nsf02043.html>.

OFFICE OF NAVAL RESEARCH (ONR)

Basic and Applied Research in Stress Physiology and Biomedical Strategies to Protect Navy and Marine Corps Forces (SOL 02-009). Deadline: 6/3/02. Contact: Steve Ahlers, 703-696-0367; ahlerss@onr.navy.mil. http://www.onr.navy.mil/sci_tech/personnel/.

OFFICE OF RESEARCH ON WOMEN'S HEALTH (ORWH) AND COSPONSORING INSTITUTES

Pathophysiology and Treatment of Chronic Fatigue Syndrome (CFS) (PA-02-034). Deadlines: 6/1/02, 10/1/02, 2/01/03. Contact: Eleanor Hanna, ORWH, 301-402-1770, HannaE@od.nih.gov; Stephen M. Drigotas, NIH, 301-402-1146; Steve_Drigotas@nih.gov; <http://grants2.nih.gov/grants/guide/pa-files/PA-02-034.html>.

SMITH RICHARDSON FOUNDATION, INC.

Support for junior faculty research on American foreign policy, international relations, international security, military policy, and diplomatic and military history. Deadline: 6/3/02. Contact: Junior Faculty Research/Int'l Program, 203-222-6222; plandesberg@srf.org;
http://www.srf.org/Junior_Faculty_Overview.htm.

ROBERT WOOD JOHNSON FOUNDATION

Support for research to produce policy-relevant information about ways to reduce harm caused by use of tobacco, alcohol, and illicit drugs. Contact: Tracy Enright Patterson, 336-716-5170; tpatters@wfubmc.edu;
http://www.rwjf.org/app/rw_applying_for_a_grant/rw_app_cfp_abstract.jsp?cfpCode=SPR. Deadline: 6/3/02.

WATER ENVIRONMENT RESEARCH FOUNDATION (WERF)

Paul L. Busch Award--Support for research in water quality and the water environment. Deadline: 6/1/02. Contact: 703-684-2470; werf@werf.org; <http://www.werf.org/funding/busch/awardprocess.cfm>.

-- *William Gosnold, Interim Director, Office of Research and Program Development.*

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